AMENDMENTS TO THE CLAIMS

Please replace all prior versions, and listings, of claims in the application with the following list of claims:

1. (Currently amended) An 802.1X protocol-based multicasting control method, comprising the following steps:

Step 1: performing 802.1X authentication for a subscriber and storing authenticated subscriber information;

Step [[1]] 2: intercepting [[the]] a request message for joining in a multicasting group sent [[by an]] from the authenticated subscriber;

Step [[2]] 3: obtaining [[the]] a port number, [[and]] a MAC address and a multicasting IP address of the subscriber from the request intercepted message;

Step [[3]] 4: searching corresponding subscriber account information [[from]] in the 802.1X authenticated [[data]] subscriber information according to said port number and MAC address;

Step [[4]] 5: authenticating the subscriber's account number information and the multicasting IP address, and then adding the subscriber to the multicasting group if the authentication is passed successfully; otherwise rejecting the subscriber's request is rejected.

2. (Currently amended) [[An]] The 802.1X protocol-based multicasting control method according to claim 1, further comprising: wherein in step 5, [[the]] an authentication server at 802.1X authentication end being utilized is used to authenticate the subscriber's account number information and the multicasting IP address.

3. (Currently amended) [[An]] The 802.1X protocol-based multicasting control method according to claim [[2]] 1, wherein in step 5, the authentications of the subscriber's account number and the multicasting IP address are implemented through verifying whether the multicasting IP address is authorized to ~~accept~~ receive ~~the subscriber with~~ said account number information.

4. (Currently amended) [[An]] The 802.1X protocol-based multicasting control method according to claim 1, wherein if said 802.1X authentication is based on port ~~authentication~~, when a subscriber attached to said port makes a request for joining in a multicasting group, the subscriber's MAC address is searched for first; if said MAC address is found, the subscriber's account number information is searched for according to said MAC address and said port number;

if said 802.1X ~~protocol~~ authentication is based on MAC ~~authentication~~, when a subscriber attached to said port makes a request for joining in a multicasting group, the subscriber's account number information is searched for directly according to the subscriber's MAC address and the port number.

5. (Currently amended) [[An]] The 802.1X protocol-based multicasting control method according to claim 1, 2, 3 or 4, wherein the subscriber joins in the multicasting group through IGMP protocol.